

Table 3. General site characteristics. Amphibian and incidental reptile locality records documented during the 1997 Snake River Resource Area northern leopard frog survey.

ITEM	SPECIES/NO.	DATE MMDDYY	HABITAT	ELEVATION (feet)	LAND STATUS
1	Great Basin Spadefoot (6 egg masses)	04/22/97	Man-made spring fed pond; "rushes"	4830	BLM
2	None seen	04/22/97	Wetland adjacent to stream; Typha; "rushes"	4960	BLM
3	Boreal chorus frog (chorus)	04/27/97	Wetland adjacent to Canal. Typha	4170	Private
4	None seen	04/30/97	Wetland adjacent to stream; Typha; "rushes"	4960	BLM
5	Great Basin Skink (juvenile)	05/02/97	Under weathered board	4220	BLM
6	None seen	05/02/97	Marsh and Alkali pond	4200	BLM
7	Pacific Chorus Frog (13 adult)	05/10/97	2 small man-made spring fed ponds; "rushes"	5580	BLM
8	None Seen	05/10/97	Small man-made spring-fed pond "rushes"	5740	BLM
9	Northern Leopard Frog (1 adult)	05/10/97	Resprouting bulrushes <1 ft (burned ca fall 1996)	4125	Private
10	Boreal Chorus Frogs (chorus)	05/10/97	Resprouting Typha, Bulrushes(burned ca fall 1996)	4125	Private
11	Boreal Chorus Frog (2 adults)	05/11/97	Typha marsh; irrigation wastewater	4140	Bureau of Reclamation
12	None seen	05/20/97	Wetland adjacent to stream; Typha; "rushes"	4960	BLM
13	Great Basin Spadefoot tadpoles	05/20/97	Man-made spring fed pond; "rushes"	4830	BLM
14	Northern Leopard Frog (2 adult plus numerous tadpoles)	05/21/97	Resprouting Typha, Bulrushes(burned ca. fall 1996)	4125	Private
15	Boreal Chorus Frog (1 adult captured/released)	05/21/97	Shore of lake; bulrushes, typha	4125	Private

Table 3 Continued. General site characteristics. Amphibian and incidental reptile locality records documented during the 1997 Snake River Resource Area northern leopard frog survey.

ITEM	SPECIES/NO.	DATE MMDDYY	HABITAT	ELEVATION (feet)	LAND STATUS
16	Western Skink (1 adult)	05/22/97	Under flat rock; big sage; AGCR	5760	BLM
17	Pacific Chorus Frog (1 adult)	05/22/97	Spring; watercress; "rushes"	5620	BLM
18	Boreal Chorus Frog (2+ calling)	05/26/97	Irrigation ditch; Typha; "rushes"	4150	Bureau of Reclamation
19	Boreal Chorus Frog (1 adult)	05/26/97	Typha marsh; irrigation wastewater	4140	Bureau of Reclamation
20	Pacific Chorus Frog (2 adults)	05/27/97	Man-made pond; "rushes"	5620	BLM
21	Wandering Garter Snake (2)	05/28/97	Inactive beaver dam	7200	BLM
22	Boreal Chorus Frog (several calling)	06/01/97	Shallow pond; "rushes"	4150	Bureau of Reclamation
23	Northern Leopard Frog (2 adult)	06/03/97	Typha, bulrushes on shore of bay	4200	USFWS Minidoka NWR
24	Northern Leopard Frog (3 adult)	06/03/97	Typha, bulrushes on shore of bay	4200	USFWS Minidoka NWR
25	Northern Leopard Frog (4 adult)	06/03/97	Typha, bulrushes; shore of narrow bay	4200	USFWS Minidoka NWR
26	Northern Leopard Frog (4 adult)	06/03/97	Open muddy shore of bay; sparse bulrushes	4200	USFWS Minidoka NWR
27	None seen	06/04/97	Typha, bulrush, "rushes"	4960	BLM
28	Boreal Chorus Frog (chorus)	06/09/97	Typha, bulrush marsh	4140	Bureau of Reclamation
29	None seen	06/24/97	Sedges, grass, "rushes", thistle	5280	USFS
30	Tiger Salamander (1 dead neotenic)	06/24/97	Shore of man-made reservoir; floating in water near shore	4250	BLM/Private

Table 3 Continued. General site characteristics. Amphibian and incidental reptile locality records documented during the 1997 Snake River Resource Area northern leopard frog survey.

ITEM	SPECIES/NO.	DATE MMDDYY	HABITAT	ELEVATION (feet)	LAND STATUS
31	Northern Leopard Frog (2 adults)	06/25/97	Floating mat of dead bulrushes	4200	USFWS Minidoka NWR
32	None seen	06/27/97	Typha, "rushes"	4960	BLM
33	None seen	06/28/97	Sedges, "Rushes", grass, thistle	5280	USFS
34	Northern Leopard Frog (3 adults)	07/02/97	"rushes"/ spike rushes	4200	BLM
35	Northern Leopard Frog (1 adult)	07/02/97	Sedges; "rushes"	4200	BLM/USFWS Minidoka NWR boundary
36	Northern Leopard Frog (1 adult)	07/02/97	Edge of bay; sedges, "rushes"	4200	BLM/USFWS Minidoka NWR boundary
37	Northern Leopard Frog (3 adults)	07/02/97	Bay shore with grass, "rushes", bulrushes	4200	USFWS Minidoka NWR
38	Northern Leopard Frog (4 adults)	07/02/97	Small lake; "rushes", Typha, grass edge	4200	USFWS Minidoka NWR
39	One 1-inch black tadpole. Possible Western Toad	07/24/97	Lake shore; shallow flooded zone; bulrushes; Typha	4015	BLM
40	Northern Leopard Frog (11 adults)	08/22/97	Bay of Reservoir; "rushes"	5160	Private
41	Northern Leopard Frog (15 adults)	08/22/97	Bay of Reservoir; "rushes"	5160	Private
42	Northern Leopard Frog (3 ca. 1.6 inches)	08/22/97	Edge of Reservoir; "rushes"	5140	BLM
43	Northern Leopard Frog (18 small; ca. 1-1.5 inches)	08/22/97	Edge of Reservoir; Potentilla, "rushes", cocklebur	5140	Private
44	None seen	09/02/97	"rushes"; Typha	4960	BLM

Table 4. National Wetland Inventory Classification for sites surveyed during the 1997 Snake River Resource Area northern leopard frog survey.

ITEM	SPECIES/NO.	LOCALITY	NWI CLASSIFICATION
1	Great Basin Spadefoot (6 egg masses)	McClenden Springs lower pond	PUBFx
2	None seen	Raft River exclosure	PEMC
3	Boreal chorus frog (chorus)	Main Northside Canal	PUSC _x
4	None seen	Raft River exclosure	PEMC
5	Great Basin Skink (juvenile)	0.6 mile E of Gifford Sprgs	Not Applicable
6	None seen	"Alkali Pond" & marsh	Alkali Pond: PUSC and PEMA Marsh: PEMC and PUBH
7	Pacific Chorus Frog (13 adult)	Ponds 0.7 miles SSW of Rock Cabin Sprgs	2 Man-made ponds associated with PEMC
8	None Seen	Rock Cabin Springs lower pond	Man-made pond associated with PEMC
9	Northern Leopard Frog (1 adult)	Marsh at west end Murtaugh Lake	PEMCh
10	Boreal Chorus Frogs (chorus)	West end Murtaugh Lake	PEMCh
11	Boreal Chorus Frog (2 adults)	Camp Holly Marsh	PEMC
12	None seen	Raft River exclosure	R3UBH; PEMC; R3USC
13	Great Basin Spadefoot tadpoles	McClenden Springs lower pond	PUBFx
14	Northern Leopard Frog (2)	Marsh at west end Murtaugh Lake	PEMCh
15	Boreal Chorus Frog (1 adult)	West end Murtaugh Lake	PEMCh
16	Western Skink (1 adult)	0.5 miles NNE of Rock Cabin Spring	Not Applicable
17	Pacific Chorus Frog (1 adult)	BLM spring No. 4702480054	PEMB

Table 4 Continued. National Wetland Inventory Classification for sites surveyed during the 1997 Snake River Resource Area northern leopard frog survey.

ITEM	SPECIES/NO.	LOCALITY	NWI CLASSIFICATION
18	Boreal Chorus Frog (2+ calling)	King Spill irrigation ditch, east end	PEMC
19	Boreal Chorus Frog (1 adult)	Camp Holly marsh; east ditch	PEMC
20	Pacific Chorus Frog (2 adults)	Deadeye Reservoir	PEMA and PUSC _x
21	Wandering Garter Snake (2)	Upper North Fork of Cold Creek	Not classified. Inactive beaver dam associated with R4SBC
22	Boreal Chorus Frog (several calling)	Peterson's (Frenchman's) Island in Snake R.	PEMA _h
23	Northern Leopard Frog (2 adult)	S. Shore Lake Walcott	PEMCh
24	Northern Leopard Frog (3 adult)	S. Shore Snake River	PEMCh
25	Northern Leopard Frog (4 adult)	S. Shore Snake River	PEMCh
26	Northern Leopard Frog (4 adult)	S. Shore Snake River. End of Bobcat Canyon	PEMCh
27	None seen	Raft River enclosure; s side	R3UBH; PEMC; R3USC
28	Boreal Chorus Frog (chorus)	Camp Holly marsh; west side	PEMC
29	None seen	Trapper Creek	PEMC
30	Tiger Salamander (1 dead neotenic)	North Cottonwood Reservoir; east shore	PEMCh
31	Northern Leopard Frog (2 adults)	S. Shore Snake R. 0.9 miles NW of Raft River Mouth	PEMCh
32	None seen	Raft River enclosure	R3UBH; PEMC; R3USC

Table 4 Continued. National Wetland Inventory Classification for sites surveyed during the 1997 Snake River Resource Area northern leopard frog survey.

ITEM	SPECIES/NO.	LOCALITY	NWI CLASSIFICATION
33	None seen	Trapper Creek	PEMC
34	Northern Leopard Frog (3 adults)	0.6 miles E of Gifford Springs	Marsh only: PEMC and PUBH
35	Northern Leopard Frog (1 adult)	Pond near E side Lake Walcott	PUBHh
36	Northern Leopard Frog (1 adult)	Bay on NE shore Lake Walcott	L2USCh
37	Northern Leopard Frog (3 adults)	N. shore Lake Walcott "Six Mile Hole"	Not Classified
38	Northern Leopard Frog (4 adults)	N Side Lake Walcott at "Blue Lake"	PUBH
39	One 1-inch black tadpole. Possible Western Toad	S side Wilson Reservoir	PSSCh
40	Northern Leopard Frog (11 adults)	Bay on east side Daniels Reservoir	L2USCh
41	Northern Leopard Frog (15 adults)	Bay on east side Daniels Reservoir	L2USCh
42	Northern Leopard Frog (3 ca. 1.6 inches)	South shore Hawkins Reservoir	Not Classified
43	Northern Leopard Frog (18 small; ca. 1-1.5 inches)	Backwaters of Hawkins Reservoir	Not Classified
44	None seen	Raft River enclosure	R3UBH; PEMC; R3USC

Legend to NWI classification codes used in Table 4.

System/Subsystem

P= Palustrine
L= Lacustrine
 1= Limnetic
 2= Littoral
R= Riverine
 3= Upper Perennial
 4= Intermittent

Class

EM= Emergent
UB= Unconsolidated Bottom
US= Unconsolidated Shore
SB= Streambed
SS= Scrub-Shrub
OW= Open Water

Modifiers

A= Temporarily Flooded
B= Saturated
C= Seasonally Flooded
F= Semipermanently Flooded
H= Permanently Flooded

Special Modifiers

h= Diked/Impounded
x= Excavated

Table 5. Microsite and weather characteristics. Amphibian and incidental reptile locality records documented during the 1997 Snake River Resource Area northern leopard frog survey.

ITEM	SPECIES/ NO.	DATE MMDDYY	AIREMP deg F	% CLOUD COVER	WIND mph	WATER TEMP deg F	WATER pH	DISSOLVED SOLIDS mg/L
1	Great Basin Spadefoot (6 egg masses)	04/22/97	57	partly	4-7	59	8.3	207-242
2	None seen	04/22/97	55	100	12-15	52	8.0	750-875
3	Boreal chorus frog (chorus)	04/27/97	65	100	10-12	N/A	N/A	N/A
4	None seen	04/30/97	53	100	Lt	46	N/A	N/A
5	Great Basin Skink (juv)	05/02/97	53	0	4-7	N/A	N/A	N/A
6	None seen a=alkali pond b=marsh	05/02/97	a)53 b)49	partly	12	a)N/A b)51	a)9.9b)9 .1	a)4500-5250 b)1380-1610
7	Pacific chor Frog (13 adlt) a=S pond b=N pond	05/10/97	74	0	light to 15	a)75 b)66	a)8.4 b)8.2	a)93-109 b)60-70 Note: 10 of 13 frogs in South pond (a)
8	None Seen	05/10/97	77	0	Var	63	8.4	54-63
9	Northern Leopard Frog (1 adult)	05/10/97	66	0	Light	N/A	N/A	N/A
10	Boreal Chorus Frogs (chorus)	05/10/97	66	0	Light	N/A	N/A	N/A
11	Boreal Chorus Frog (2 adults)	05/11/97	73	0	Light	68	8.9	180-210
12	None seen	05/20/97	78	90	Light	59	8.8	258-301
13	Great Basin Spadefoot tadpoles	05/20/97	69	100	Light	64	N/A	N/A
14	Northern Leopard Frog 2 adults; numerous tadpoles	05/21/97	74	10	0	79	8.4	198-231

Table 5 Continued. Microsite and weather characteristics. Amphibian and incidental reptile locality records documented during the 1997 Snake River Resource Area northern leopard frog survey.

ITEM	SPECIES	DATE MMDDYY	AIR TEMP deg F	% CLOUD COVER	WIND mph	WATER TEMP deg F	WATER pH	DISSOLVED SOLIDS mg/L
15	Boreal Chorus Frog (1 adult captured/relea sed)	05/21/97	74	75+	N/A	N/A	N/A	N/A
16	Western Skink (1 adult)	05/22/97	70	100	Light	N/A	N/A	N/A
17	Pacific Chorus Frog (1 adult)	05/22/97	74	High overcast	Light	56	7.9	60-70
18	Boreal Chorus Frog (2+ calling)	05/26/97	64	0	Light	62	8.9	162-189
19	Boreal Chorus Frog (1 adult)	05/26/97	64	0	Mod	63	N/A	N/A
20	Pacific Chorus Frog (2 adults)	05/27/97	71	High overcast	Light	65	8.1	72-84
21	Wandering Garter Snake (2 juvenile)	05/28/97	75	100	Light	54	8.1	138-161
22	Boreal Chorus Frog (several calling)	06/01/97	74	100	Light	74	8.7	1140-1330
23	Northern Leopard Frog (2 adult)	06/03/97	79	25	8-10	69	9.1	156-182
24	Northern Leopard Frog (3 adult)	06/03/97	84	70	>12	68	9.1	153-178
25	Northern Leopard Frog (4 adult)	06/03/97	84	70	>12	68	9.1	153-178
26	Northern Leopard Frog (4 adult)	06/03/97	86	40	>12	76	9.1	156-182

Table 5 Continued. Microsite and weather characteristics. Amphibian and incidental reptile locality records documented during the 1997 Snake River Resource Area northern leopard frog survey.

ITEM	SPECIES	DATE MMDDYY	AIR TEMP deg F	% CLOUD COVER	WIND mph	WATER TEMP deg F	WATER pH	DISSOLVED SOLIDS mg/L
27	None seen	06/04/97	72	60	Mod	68	N/A	N/A
28	Boreal Chorus Frog	06/09/97	72	80	0	70	9.0	258-301
29	None seen	06/24/97	61	0	0	52	N/A	N/A
30	Tiger Salamander (1 dead neotenic)	06/24/97	71	0	Light	72	9.8	138-161
31	Northern Leopard Frog (2 adults)	06/25/97	69	0	Light	62	8.4	141-164
32	None seen	06/27/97	70	75	Light	74	7.7	N/A
33	None seen	06/28/97	75	0	Light	64	N/A	N/A
34	Northern Leopard Frog (3 adults)	07/02/97	72	60	Light	63	7.9	1620-1890
35	Northern Leopard Frog (1 adult)	07/02/97	72	100	Strong	a)62 b)69	a)7.5 b)9.5	a)N/A b)276-322 Note:a=frog site; b=pond
36	N Leopard Frog (1 adult)	07/02/97	68	100	Strong	68	9.4	126-147
37	Northern Leopard Frog (3 adults)	07/02/97	74	40	Strong	68	8.9	141-164
38	Northern Leopard Frog (4 adults)	07/02/97	78	40	Mod	68	9.5	246-287

Table 5 Continued. Microsite and weather characteristics. Amphibian and incidental reptile locality records documented during the 1997 Snake River Resource Area northern leopard frog survey.

ITEM	SPECIES/ NO.	DATE MMDDYY	AIR TEMP deg F	% CLOUD COVER	WIND mph	WATER TEMP deg F	WATER pH	DISSOLVED SOLIDS mg/L
39	One 1-inch black tadpole. Possible Western Toad	07/24/97	72	100	0	72	8.9	138-161
40	Northern Leopard Frog (11 adults)	08/22/97	74	0	0	71	8.6	228-266
41	Northern Leopard Frog (15 adults)	08/22/97	77	0	Light	74	8.5	228-266
42	Northern Leopard Frog (3 ca. 1.6 inches)	08/22/97	86	0	Light	72	8.7	330-385
43	Northern Leopard Frog (18 small; ca. 1-1.5 inches)	08/22/97	86	0	0	N/A	N/A	N/A
44	None seen	09/02/97	70	100	0	68	8.5	660-770